

# Statistical analysis of microarray data

*A selection by M. Huebner*

## 1. Books

- Box, Hunter, and Hunter. (1978) *Statistical design for Experimenters*. Wiley.  
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## 2. Papers.

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- Wolfinger, R., Gibson, G., Wolfinger, E., Bennett, L., Hamadeh, H., Bushel, P., Afshari, C., and Paules, R. (2001). Assessing gene significance from cDNA microarray expression via mixed models. *Journal Comput. Biology* **8**(6), 625-637.

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- Kerr, K. and Churchill, G. (2001). Bootstrapping cluster analysis: Assessing the reliability of conclusions from microarray experiments. *Proc. Nat. Acad. Sci. USA* **98** (16), 8961-8965.
- Wen, X., Fuhrman, S., Michaels, G., Carr, D., Smith, S., Barker, J. and Somogyi, R. (1998). Large-scale temporal gene expression mapping of central nervous system development. *Proc. Natl. Acad. Sci. USA* **95**, 334-339.